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DECLARATION FOR UTILITY OR	Attorney Docket Number First Named Inventor Attorney D. Lights et al.			
DESIGN		Allen D. Hertz, et al.		
PATENT APPLICATION	COIVIF	ZETETE KNOWN		
(37 CFR 1.63)	Application Number			
X Declaration Declaration	Filing Date	December 16, 2003		
Submitted OR Submitted after Initial With Initial Filing (surcharge	Art Unit			
Filing (37 CFR 1.16 (e)) required)	Examiner Name			
I hereby declare that: Each inventor's residence, mailing address, and citizenship a	are as stated below next to the	eir name.		
I believe the inventor(s) named below to bethe original and f	first inventor(s) of the subject	matter which is claimed and for		

I hereby declare that:						
Each inventor's residence, ma	iling address, a	nd citizenship are as stated b	elow next to their name	€.		
	I believe the inventor(s) named below to bethe original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on theinvention entitled:					
i	APPLICATION OF ACOUSTIC AND VIBRATIONAL ENERGY FOR FABRICATING BUMPED IC DIE AND ASSEMBLY OF PCA'S					
	<u> </u>	(Title of the Invention)				
the specification of which		,				
X is attached hereto						
OR						
was filed on (MM/DD/Y	YYY)	as Uni	ted States Application N	Number or PCT International		
Application Number		and was amended on (MM/E	DD/YYYY)	(if applicable).		
I hereby state that I have revie amended by any amendment			ve identified specification	on, including the claims, as		
I acknowledge the duty to di continuation-in-part application and the national or PCT intern	ns, material info	ormation which became avail	able between the filing			
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country other than the United application for patent, inventor						
before that of the application of			•	FF		
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? Yes No		
Number(s)	Country	(141141/00/1111)	Not Claimed	1 10		
T Additional Comments		P-4-d				
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.						

[Page 1 of 2]
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PTO/SB/01 (09-03)
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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	X Custome	r Number:	3	1877		OR		Corres	pondence address below
Name								•	
Address									
City				State	1				ZIP
Country		Telephone				Fax			***************************************
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are purishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.									
NAME OF SOLE OR FIRST INVENTOR: A patition has been filed for this unsigned inventor									
Given Name (first and middle [if emy])	Allen D	David				emily N r Suma		He	ntz Date
Gigestor's									Dec. 16, 2003
Residence: City Boca Rator	Sobré Fl	orida		Coun		USA		Citizer	usa USA
Mailing Address 12784 Tulipwood (Circle								
Boca Raton	State F)	orida			ZIP	33-	428		Country USA
NAME OF SECOND INVENTO	R:				Аре	tition h	as bee	n filed fi	or this unsigned inventor
Given Name (first and middle [if any])	Eric Le	<u>e</u>				mily Na Surnan		He	ntz
Inventor's Signature	4								Dec. 16, 2003
Residence: City Indian Harbour Beach	State Flo	orida		Count		JSA		Căizen	iship USA
Mailing Address 125 Freddie Street									
City Indian Harbour Beach	State Flo	orida			ZIP	329	937	Countr	USA
Additional Inventors or a legal re	zasannika are bakı	g nemed on th	: 01	- Inches	tul shee	(७) РТО	\$8/02A	or 021.R a	traction horizon.

[Page 2 of 2]

Supplemental Sheet provided for benefit under 35, U.S.C. 120

PTO/S8/02A (08-03)
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D.B. collection of information unless it contains a valid OMB control number.

DECLARATION			ADDITI NAL INVENTOR(S) Supplemental Sheet Page 1 1				
Name of Additional Joint Inventor, if any:		A pr	atition ha	as been filed for this	unsigned inve	entor	
Given Name (first and middle (if any)		Family Na	me or Si	umame			
Dennis D.				Epp)		
Bigentaris Signature			Date Dec. 16, 2			. 16, 2003	
Residence: City Aliso Viejo	State	CA	Coun	try USA	Citizenship	USA	
Mailing Address 24 Grandbriar		<u> </u>		25-14			
Mailing Address	· 1 · · ·						
City Aliso Viejo	Sta	te CA		_{Zip} 92656	Country	USA	
Name of Additional Joint Inventor, if any:		etition h	as been filed for this	unsigned inv	entor		
Given Name (first and middle (if any) Family Name or S			Sumame	···			
Inventor's Signature		Date					
Residence: City	St	nte		Country		Citizenship	
Mailing Address							
Mailing Address							
City	St	ste		Zip	Country		
Name of Additional Joint Inventor, if any:			etition h	as been filed for this	s unsigned inv	ventor	
Given Name (first and middle (if any)				Family Name o	r Surname		
Inventor's Signature	Date						
Residence: City Staff				Country		Citizenship	
Mailing Address							
Mailing Address							
		ote		Zin.	Country		

City

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Please type a plus sign (+) inside this box \rightarrow	PTO/SB/02B (3-97) Approved for use through 9/30/98. OMB 0651-0032
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valid OMB control number.	

DECLARATION — Supplemental Priority Data Sheet

Additional foreignapplications:						
Prior Foreign Application Number(s)	C	ountry	Fore	ign Filing Date	Priority Not Claimed	Certified Copy Attached? YES NO
					000000000000000	
Additional provisional applications:						
Application Number				Filing Date (I	MM/DD/YYYY)	
Additional U.S. applicati	ons:					- 10
U.S. Parent Applicat Number	ion	PCT Paren Number	t		iling Date D/YYYY)	Parent Patent Number (if applicable)
09/621,249				07/2 ⁻	1/2000	6,662,812
60/145,524		i		07/24	4/1999	
09/208,959				12/10/1998		6,138,562
60/071,866				1	0/1998	
09/309,697				ł	1/1999	6,412,685
08/789,883				01/28	3/1997	6,202,918

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary dependingupon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	
Filing Dat	December 16, 2003
First Named Inventor	Allen D. Hertz, et al
Title	APPLICATION OF ACOUSTIC AND VIBRATIONAL ENERGY FOR FABRICATING BUMPED IC DIE
Art Unit	AND ASSEMBLY OF PCA'S
Examiner Name	
Attorney Docket Number	

I hereby appoint: X Practitioners associated with the Customer Number:					
_ 0	R		31877	7	į
	Practitioner(s) named beli	DW:			
	· ·	Name		Registration Nu	mber
as my/ Trader	our attorney(s) or agent(s) to prosecute the application identified rewith.	above, and to trans	act all business in t	the United States Patent and
Please		correspondence address for the above d with the above-mentioned Customer		on to:	
	OR				
	The address associate	ed with Customer Number:			
	OR				
	Firm or Individual Name				
	Address				
	Address		State		Zip
	City Country		State		Zip
	Telephone		Fax		
I am the: X Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)					
SIGNATURE of Applicant or Assignee of Record					
Name Allego D. Hertz					
Signature					
Date	December	6, 2003		Telephone	561 883-0115
	Signatures of all the inventor f more than one signature is r	s or assignees of record of the entire interest equired, see below*.	or their representative	e(s) are required. Subr	mit multiple
X *Total of 3 forms are submitted.					

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PTO/SB/81 (09-03)

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U.S. Pintent and Trademork Office; U.S. DEPART MENT OF COMMERCE

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	Application Number	
POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Filing Date	December 16, 2003
	First Named Inventor	Allen D. Hertz, et al
	Title	APPLICATION OF REDUSTIC AND VINARTONAL
	Art Unit	AND ASSEMBLY OF PCA'S
	Examiner Name	
	Alfornoy Docket Number	

			Miney Doctors Huts	***		
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Practitioners associated with the Customer Number: 31877						
Practitioner(s) named below:						
I _						
	Name Registration Number					
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es mylour Trademari	attorney(s) or agent(k Office connected th	(a) to prosecute the application identifie erewith.	d above, and to tre	maact all business l	n the United States Patent and	
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	phone		Fax			
Applicant/Inventor. Assignee of record of the entire Interest. See 37 CFR 3.71.						
Stutement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)						
SIGNATURE of Applicant or Assigned of Record Name Frie L. L.						
Signature	Eric.L. Hent	<u>L</u>				
Date	December 1	6, 2003		Telephone	321 773-2844	
NOTE: Signa forms if more		or expressed of second of the entire become	or their representative			
X -Tota	3	orms are submitted.		,		
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This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to distain or retain a benefit by the public which is to like (and by the LISPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 infinitions to complete, including gathering, repearing, and submitting the completed application form to the USPTO. Time will very depending upon the instituted acco. Any comments on the amount of time you require to complete life form and/or suggestions for reducing this tourien, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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POWER OF ATTORNEY and **CORRESPONDENCE ADDRESS INDICATION FORM**

Application Number	
Filing Date	December 16, 2003
First Named Inventor	Allen D. Hertz, et al
Title	APPLICATION OF ACCUSTIC AND VIBRATIONAL ENERGY FOR FARRICATING SUMPED IC DIE
Art Unit	AND ASSEMBLY OF PCA'S
Examiner Name	
Attorney Docket Number	

I hereby app	point:				·			
Practitioners associated with the Customer Number: OR 31877								
Preci	Prectitioner(s) named below:							
		Name		Registration Nu	umber			
	attorney(s) or agent(s Office connected the) to prosecute the application iden rewith.	tified above, and to tra	nsact all business in	the United States Patent and			
v		correspondence address for the a	•	rtion to:				
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Adar	968		10:1		T T			
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Telephone I am the: X Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)								
SIGNATURE of Applicant or Assignee of Record								
Name	Dennis Epp							
Signature	NO							
Date	December	6, 2003		Telephone	949 677-9470			
	stures of all the Inventor han one signsture is r	s or assigness of record of the entire in equired, see below.	lerest or their representat	ive(s) ere required. Sub	brnit multiple			
*Total of3 forms are submitted.								

This collection of information is required by 37 CFR 1,31 and 1,33. The information is required to obtain or relain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time witl vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradement Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T : Commissioner for Patente, P.O. Box 1450, Alexandria, VA 22313-1450.